Anti-Nibrin Recombinant Rabbit Monoclonal Antibody

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Catalog #: 2297

Aliases

Nibrin; AT-V2; AT-V1; NBS1; ATV; NBS; Nijmegen Breakage Syndrome 1 (Nibrin); Cell Cycle Regulatory Protein P95; P95; P95 Protein Of The MRE11/RAD50 Complex; Nijmegen Breakage Syndrome Protein 1

Background

Gene Name: NBN
NCBI Gene Entry: 4683
UniProt Entry: O60934

Application Information

Molecular Weight: Predicted, 85 kDa; observed, 95 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB195
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human p95/NBS1

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000
Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:100-1:1,000

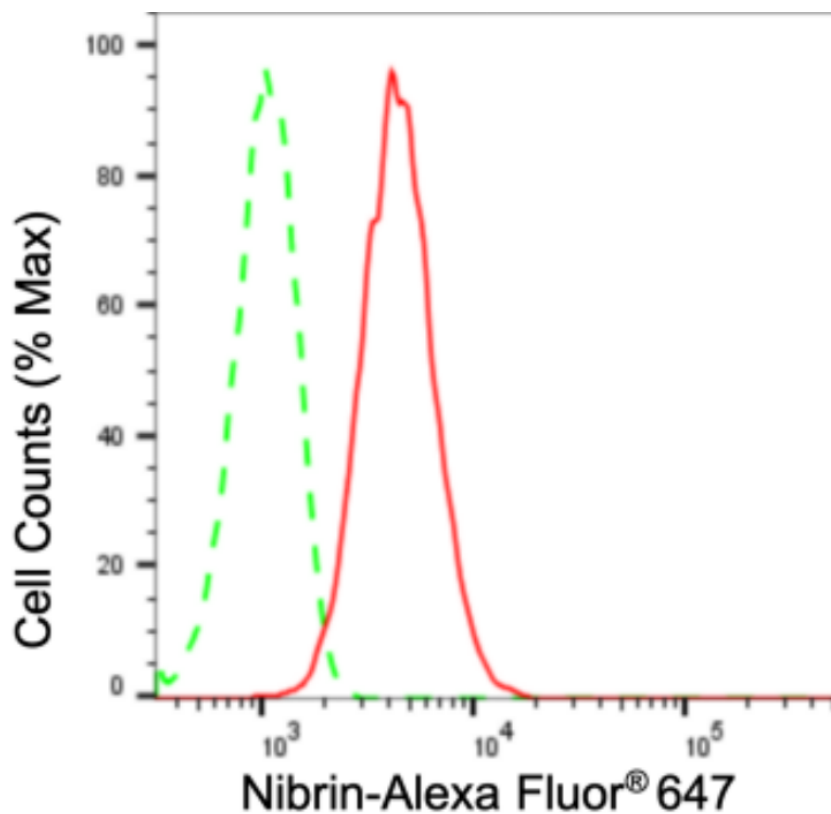**Note:** This product is for research use only.

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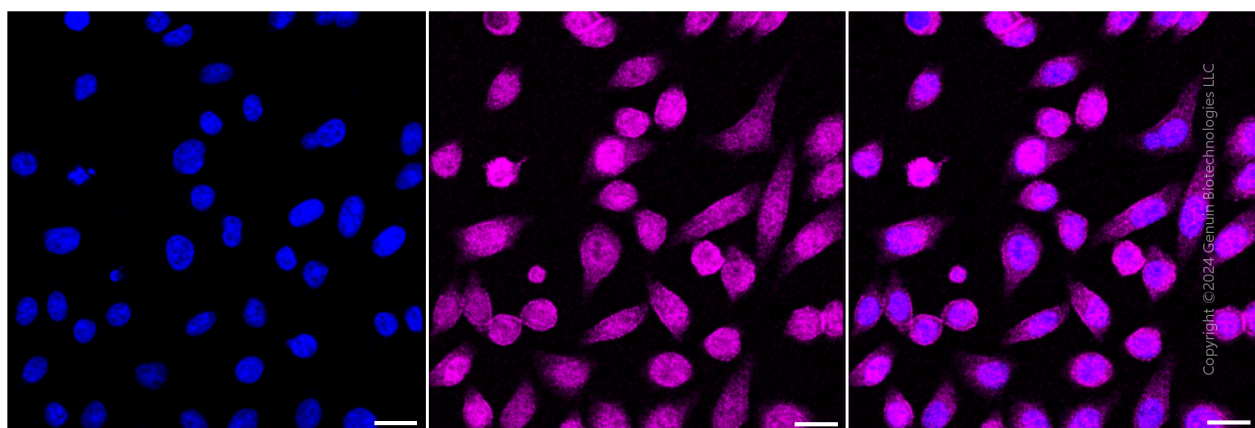
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Validation Data

Flow cytometric analysis of Nibrin expression in HepG2 cells using Nibrin antibody (Cat#2297, 1:2,000). Green, isotype control; red, Nibrin.

Immunocytochemical staining of HepG2 cells with anti-Nibrin antibody (Cat#2297, 1:1,000). Nuclei were stained blue with DAPI; Nibrin was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μm.
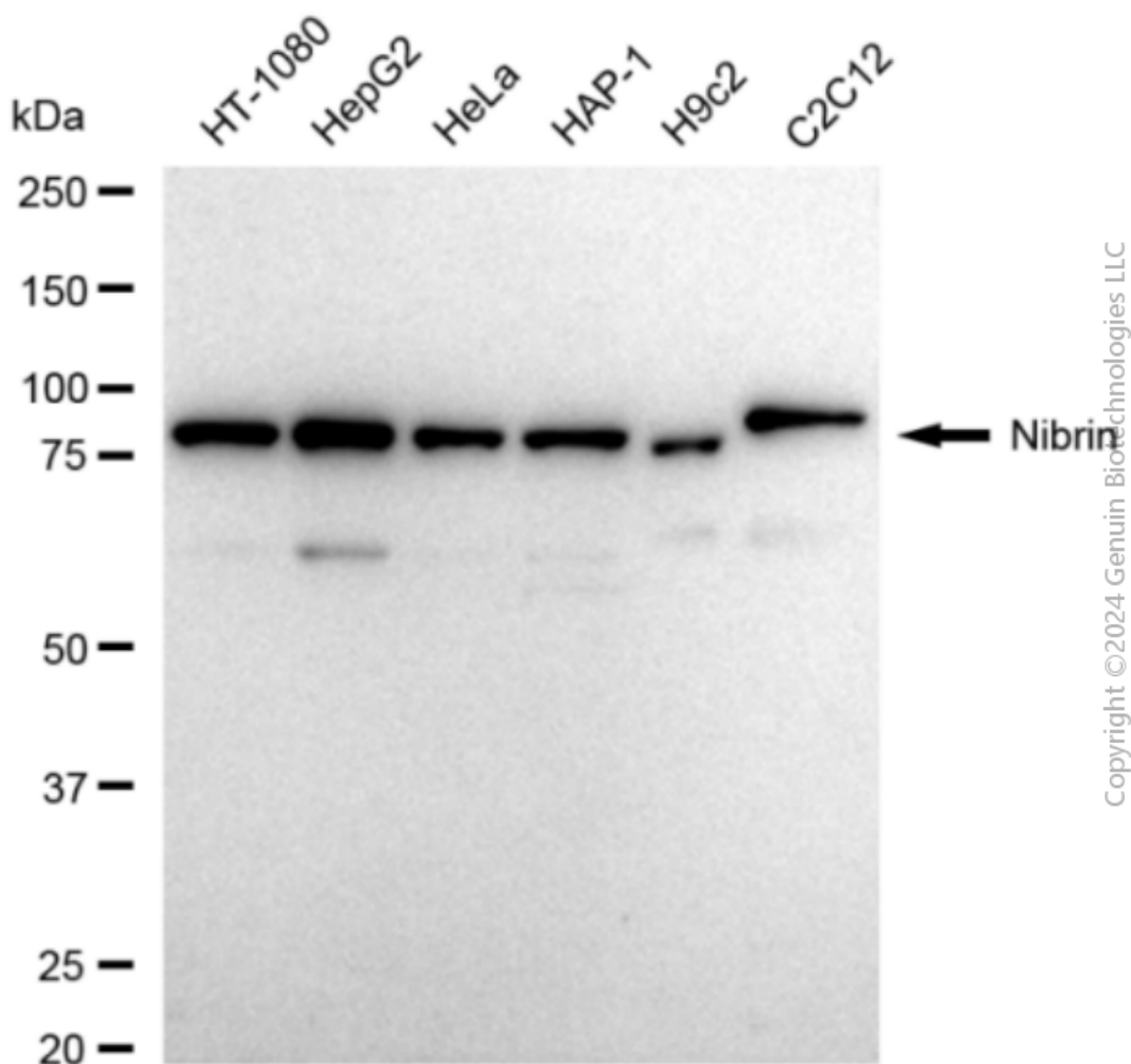

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Western blotting analysis using anti-Nibrin antibody (Cat#2297). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Nibrin antibody (Cat#2297, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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